## IAP15 Rec'd PCT/PTO 05 JUN 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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			ED/ELECTED OFFICE		095309.57811US							
C			A SUBMISSION UNDE		U.S. APPLICATION NO.	(If known, see 37 CFR 1.5)						
		NAL APPL	ICATION NO.	INTERNATIONAL FILING		PRIORITY DATE CLAIMED						
TITLE	= OF (N)	PCT/E	P2004/012690	Novembe	er 10, 2004	December 4, 2003						
11111	E OF IN	VENTION		FORMING	3 TOOL							
APPL	LICANT(	S) FOR DO	D/EO/US	Kai-Uwe [								
Appl	icant h	erewith su	ubmits to the United States De			g items and other information:						
1.	$\boxtimes$	erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.										
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.										
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9)										
	_	` '	and (21) indicated below.									
4.	$\boxtimes$	The US has been elected (Article 31).										
5.	$\boxtimes$		of the International Application	2								
		a	is attached hereto (require		-	sureau).						
		b. 🛛		•		0.5 (0.0 11.0)						
	_	с	Is not required, as the app									
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).											
		a. 🔀	•	•								
		b	has been previously subm	nitted under 35 U.S.C. 15	54(d)(4).							
7.		Amenda	nents to the claims of the Inte	mational Application und	ler PCT Article 19 (35 U.	S.C. 371(c)(3))						
		а. 🗀	are attached hereto (requ	ired only if not communic	cated by the International	l Bureau).						
		b	have been communicated	I by the International Bur	eau.							
		с	have not been made; how	vever, the time limit for m	aking such amendments	s has NOT expired.						
		d	have not been made and	will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).										
	Items		below concern document(	s) or information includ	ied:							
11.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98, International Search Report dated January 3, 2005 including English Translation of relevant portion (Four (4) pages), PTO-1449 with two (2) cited non-US references.										
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13.	$\boxtimes$	A preliminary amendment (Seven (7) pages) including Abstract.										
14.	$\boxtimes$	An Application Data Sheet under 37 CFR 1.76 (Three (3) pages).										
15.	$\boxtimes$	Submission of substitute specification including clean and marked-up versions.										
16.		A power of attorney and/or change of address letter.										
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.										
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).										
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
20.	X	Other ite	ems or information: PCT/II	B/308 - First Notice (One	e (1) page); One (1) shee	et of drawings showing Fig. 1						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AP2 Rec°d PCT/PTO 05 JUN 2000,
PTO-1390 (Rev. 02-2005)
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U.S. APPLICATION 10 ((thrown 60-67) CER (SE) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER

U.S. APPEICATION	Be Assigne	095309.	095309.57811US								
The	following fees ha	ave been submit	ted	004/012690	CALCULATIONS	PTO USE ONLY					
			(a))	\$300.00	\$300.00						
2	mination fee (37	• •	•								
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy											
	i report prepared if PCT Article 33(										
				\$200.00	\$200.00						
	rch fee (37 C.F.F										
If the written opin report prepa	red by IPEA/US										
Article 33(1) Search fee (37 C	)-(4)										
	as an Internation										
International Sea	rch Report prepa										
	r previously com	\$400.00									
All Other Situation		L OF 21, 22 AN	D 23 =		\$900.00						
Additional fee for specification and drawings filed in paper over 100 sheets (excluding											
sequence listing or computer program listing filed in an electronic medium). The fee is											
\$250 for ea	ch additional 50 s		or fraction thereof.								
Total Sheets	Extra Sheets		ch additional 50 or fraction up to a whole number)	" RATE							
10 - 100	/ 50 =		0	x 250	\$0.00						
Surcharge of \$13 claimed priority of			eclaration later than 30 m	onths from the earlies	t \$130.00						
CLAIMS		BER FILED	NUMBER EXTRA	RATE	<b>V.00.00</b>	-					
Total claims		6 - 20	0	x 50	\$0.00						
Independent cla		2 - 3	0	x 200	\$0.00						
MULTIPLE DEPI		(S) (if applicable	)	+ 360	\$0.00						
		(-) (		VE CALCULATION	<del></del>						
Applicant cla	ims small entity :	status. See 37 C	FR 1.27. Fees above are	e reduced by 1/2.							
				SUBTOTA	L = \$1,030.00						
Processing fee of	f <b>\$130.00</b> for fun	nishing the Engli	sh translation later than 3	0 months from the	60.00						
earliest claimed	priority date (37 (	CFR 1.492(i))		TAL NATIONAL FE							
Egg for recording	the enclosed as	ssignment (37 C	FR 1.21 (h)). The assignment		\$1,030.00						
accompanied by	an appropriate o	over sheet (37 (	FR 3.28, 3.31). <b>\$40.00</b> p	er property	\$0.00						
			тот	AL FEES ENCLOSE	¥ -,						
					Amount to be refunded:	\$					
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	<del></del>				charged:	\$					
a. ∐i Aicheo	k in the amount	of \$ to cover	the above fees is enclose	ed.							
b. Please charge my Deposit Account No. 05-1323 (Attorney Docket No. 095309.57811US) in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.											
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-1323 (Attorney Docket No. 095309.57811US).											
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be Included on this form. Provide credit card information and authorization on PTO-2038.											
			37 CFR 1.495 has not b ation to pending status		o revive (37 CFR 1.137(a) o	r (b)) must be filed					
				4	6 St.	,					
SEND ALL CORRESPONDENCE TO:  Crowell & Moring, LLP  AUdit de											
1	II & Moring, LLP	roup		SIGNATURE	y Cawwe						
1	ctual Property Gr sox 14300	оар		SIGNATURE  Gary R. Edwards	<i>V</i>						
	ngton, D.C. 2004										
	o. (202) 624-250			31,824 REGISTRATION	NUMBER	<u> </u>					
Fax No. (202) 628-8844 June 5, 2006											
1				DATE							